

XP-002169788

AN - 1996-411033 [41]

AP - SU19884483742 19880718

CPY - KUGA-I

DC - W04

FS - EPI

IC - H04N5/232

IN - KUGAEVSKAYA L B; OBUKHOVICH E M; SHLYCHKOV V I

MC - W04-M01D

PA - (KUGA-I) KUGAEVSKAYA L B

PN - SU1591742 A1 19960127 DW199641 H04N5/232 004pp

PR - SU19884483742 19880718

XIC - H04N-005/232

XP - N1996-346070

AB - SU1591742 An image is projected on to a light converter (6) through an optical spectral filter in the form of discs with edge slots and the video-signal from the converter is averaged and compared to reference voltage in a rectifier, passing an error signal through a linear amplifier to a motor (4), rotating the discs until the error signal is zero.

- Linearisation of the transmission coefft. in an automatic regulation circuit is carried out by changing the amplification coefft. of the correction signal amplifier using a control unit, receiving a signal proportional to the angular position of the filter.

- USE/ADVANTAGE - Regulation of value and spectral compsn. of light flows in TV cameras. Increased dynamic regulation range.

Bul.3/27.1.96.(Dwg.1/1)

IW - LIGHT FLOW REGULATE DEVICE DISC EDGE SLOT ACT OPTICAL SPECTRAL FILTER  
CONTROL AMPLIFY LINEAR TRANSMISSION COEFFICIENT

IKW - LIGHT FLOW REGULATE DEVICE DISC EDGE SLOT ACT OPTICAL SPECTRAL FILTER  
CONTROL AMPLIFY LINEAR TRANSMISSION COEFFICIENT

INW - KUGAEVSKAYA L B; OBUKHOVICH E M; SHLYCHKOV V I

NC - 001

OPD - 1988-07-18

ORD - 1996-01-27

PAW - (KUGA-I) KUGAEVSKAYA L B

TI - Light flow regulation device - has 2 discs with edge slots to act as optical spectral filter and uses controlled amplifier to linearise transmission coefft